

Title (en)

APPARATUS AND METHOD FOR IDENTIFYING A TUBING SYSTEM FOR AN EXTRACORPOREAL BLOOD TREATMENT DEVICE

Title (de)

VORRICHTUNG UND VERFAHREN ZUR ERKENNUNG EINES SCHLAUCHLEITUNGSSYSTEMS FÜR EINE EXTRAKORPORALE BLUTBEHANDLUNGSVORRICHTUNG

Title (fr)

DISPOSITIF ET PROCÉDÉ POUR RECONNAÎTRE UN SYSTÈME DE CONDUITE FLEXIBLE POUR UN DISPOSITIF DE TRAITEMENT EXTRACORPOREL DU SANG

Publication

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Application

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Abstract (en)

[origin: WO2010133319A1] The invention relates to an apparatus for extracorporeal blood treatment, comprising a device for detecting a tubing system to be placed in the blood treatment apparatus. The invention further relates to a method for detecting a tubing system to be placed in an extracorporeal blood treatment apparatus. The tubing system (6, 8, 18) is detected on the basis of the dependency of the flow rate Q, at which the fluid is delivered by at least one pump (22, 10) of the extracorporeal blood treatment apparatus in a tubing section (18, 6) of the tubing system, on the speed n at which the at least one pump is operated, and on the inner diameter d of the tube of the tubing section. Because the dependency of the flow rate on the pump speed and the tube cross section is known, a conclusion can be drawn as to whether a particular tubing system has been placed in the extracorporeal blood treatment apparatus. The cross section of the tube of a tubing section of the tubing system is thus used as an indicator for identifying the tubing system.

IPC 8 full level

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CPC (source: EP US)

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